

ABSTRACT OF THE DISCLOSURE

An electro luminescent (EL) with a color changing coating includes a transparent base layer and a transparent front electrode layer piled up the base layer. The front electrode layer is electrically connected to a driving circuit. A lighting layer is piled up the front electrode layer. The lighting layer includes multiple lighting particles arranged therein. Each lighting particle has an outer periphery fully coated with an optical transform layer for changing a color of light ray from the lighting particle. An induce layer is piled up the lighting layer and a back electrode layer is piled up the induce layer. The back electrode layer is electrically connected to the driving circuit. An insulating layer coats the lighting layer, the induce layer and the back electrode layer.